U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Arid West Region

See ERDC/EL TR-08-28; the proponent agency is CECW-CO-R

OMB Control #: 0710-0024, Exp: 11/30/2024 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)

Project/Site:		City/County:		Sampling Date:		
Applicant/Owner:	State: Sampling Point:					
Investigator(s):	S	ection, Township, R	ange:			
Landform (hillside, terrace, etc.):						
Subregion (LRR): Lat:	<u> </u>					
Soil Map Unit Name:			NWI classific			
Are climatic / hydrologic conditions on the site ty		Yes	No (If no, exp	lain in Remarks.)		
Are Vegetation, Soil, or Hydrology			Circumstances" present?			
Are Vegetation , Soil , or Hydrology			xplain any answers in Rem		_	
SUMMARY OF FINDINGS – Attach s					s, etc.	
Hydrophytic Vegetation Present? Yes	No X	Is the Sampled A	Area			
Hydric Soil Present? Yes	d? Yes	No_X_				
Wetland Hydrology Present? Yes	No X					
Remarks:		•				
VEGETATION – Use scientific name	s of plants.					
<u>Tree Stratum</u> (Plot size:		minant Indicator ecies? Status	Dominance Test work	(sheet:		
1						
2.			Number of Dominant S Are OBL, FACW, or FA		(A)	
3			Total Number of Domin	ant Species		
4			Across All Strata:	·	(B)	
		l Cover	Percent of Dominant Sp		(- (-)	
Sapling/Shrub Stratum (Plot size:			Are OBL, FACW, or FA	.C:	(A/B)	
1			Prevalence Index wor	ksheet:		
3.			Total % Cover of:		oy:	
4.			OBL species	x 1 =		
5			FACW species			
		l Cover	FAC species	x 3 =		
Herb Stratum (Plot size:	_)		FACU species		_	
1			UPL species	x 5 =	— (B)	
2				(A) = B/A =		
3 4			Trevalence maex		_	
5.			Hydrophytic Vegetation	on Indicators:		
6.			Dominance Test is	>50%		
7			Prevalence Index is			
8			1 — ' °	ptations¹ (Provide suppo	0	
Washing Chatana (District		l Cover		or on a separate sheet	•	
Woody Vine Stratum (Plot size:				phytic Vegetation¹ (Expl		
1			¹ Indicators of hydric soi be present, unless dist	il and wetland hydrology urbed or problematic.	must	
2		I Cover		proviounding		
			Hydrophytic Vegetation			
% Bare Ground in Herb Stratum	% Cover of Biotic Cru	st	Present? Yes_	No_X		
Remarks:						

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SOIL Sampling Point:_____

Depth (inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	<u> </u>	Remarks	
Type: C=Co	ncentration, D=Deple	etion RM=	Reduced Matrix	CS=Cover	ed or Co	ated Sar	nd Grains	² Location: PL=P	ore Lining M=	Matrix
· ·	idicators: (Applical					alca oai		dicators for Probl		
Histosol (edox (S5)	,			1 cm Muck (A9)	-	
	pedon (A2)			Matrix (S6	i)			2 cm Muck (A10)	•	
— · Black His				lucky Mine						(LRR D)
	Sulfide (A4)		Loamy C	Sleyed Mat	rix (F2)			Reduced Vertic ((F18)	
Stratified	Layers (A5) (LRR C)	Depleted	l Matrix (F3	3)			 Red Parent Mate	erial (F21)	
1 cm Muc	k (A9) (LRR D)		Redox D	ark Surfac	e (F6)			 Very Shallow Da	rk Surface (F2	2)
Depleted	Below Dark Surface	(A11)	Depleted	l Dark Surf	ace (F7)			Other (Explain in	Remarks)	
Thick Dar	k Surface (A12)		Redox D	epressions	s (F8)					
Sandy Mu	ıcky Mineral (S1)									
Sandy Gl	eyed Matrix (S4)	3Indicato	rs of hydrophytic	vegetation	and wet	land hyd	rology must be	present, unless di	sturbed or prob	lematic.
	over (if abasmind).									
Restrictive L	ayer (ii observed):									
Restrictive La Type:	ayer (ii observed):									
Type: _ Depth (in			<u> </u>				Hydric Soil P	Present?	Yes	No_X
Type: _ Depth (ind Remarks:	ches):		_				Hydric Soil P	Present?	Yes	No_X
Type: Depth (ind Remarks:	ches):						Hydric Soil P	Present?	Yes	_ No_X
Type: _ Depth (ind Remarks: YDROLOG Wetland Hyd	Ches): GY rology Indicators:									
Type: Depth (inc Remarks: YDROLOG Wetland Hyd Primary Indica	GY rology Indicators: ators (minimum of or	ıe is requir						econdary Indicators	e (minimum of t	
Type: Depth (ind Remarks: YDROLOG Wetland Hyd Primary IndicatSurface V	GY rology Indicators: ators (minimum of or	ıe is requir	Salt Crus	st (B11)				econdary Indicators Water Marks (B1	s (minimum of t	wo required
Type: Depth (ind Remarks: IYDROLOG Wetland Hyd Primary Indica Surface V High Wat	GY rology Indicators: ators (minimum of or Vater (A1) er Table (A2)	ne is requir	Salt Crus	st (B11) ust (B12)	oc (D12)			econdary Indicators Water Marks (B1 Sediment Depos	s (minimum of t .) (Riverine) its (B2) (Riveri	wo required
Type: Depth (ind Remarks: IYDROLOG Wetland Hyd Primary IndicaSurface V High WatSaturation	GY rology Indicators: ators (minimum of or Vater (A1) er Table (A2) n (A3)		Salt CrusBiotic CrAquatic I	st (B11) ust (B12) nvertebrate	, ,			econdary Indicators Water Marks (B1 _Sediment Depos Drift Deposits (B	s (minimum of t .) (Riverine) its (B2) (Riveri 3) (Riverine)	wo required
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Type: Depth (index of the post of th	ches): rology Indicators: ators (minimum of or Vater (A1) er Table (A2) n (A3) rks (B1) (Nonriverir Deposits (B2) (Non iosits (B3) (Nonriverir ioil Cracks (B6) n Visible on Aerial In ained Leaves (B9)	ne) riverine) ine)	Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I	st (B11) ust (B12) nvertebrate n Sulfide C I Rhizosphe e of Reduct ron Reduct	odor (C1) eres on L ed Iron (Guide) tion in Til (C7)	iving Ro C4)	Se	econdary Indicators Water Marks (B1 Sediment Depos Drift Deposits (B Drainage Patterr Dry-Season Wat Crayfish Burrows	(minimum of to a constraint of the constraint of	wo required
Type: Depth (ind Remarks:	ches): GY rology Indicators: ators (minimum of or Vater (A1) er Table (A2) n (A3) rks (B1) (Nonriverin Deposits (B2) (Non posits (B3) (Nonriveri oil Cracks (B6) n Visible on Aerial In ained Leaves (B9) ations:	ne) riverine) ine) nagery (B7	Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I Thin Mue	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface xplain in R	odor (C1) eres on L ed Iron (I tion in Til (C7) emarks)	iving Ro C4)	Se	econdary Indicators Water Marks (B1 Sediment Depos Drift Deposits (B Drainage Patterr Dry-Season Wat Crayfish Burrows Saturation Visible	(minimum of to a constraint of the constraint of	wo required
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VEGETATION Continued	- Use scientific names of p	lants
VEGETATION COMMINACA	- OSC SCICITUIC HAIRCS OF P	nanco.

Tree Stratum

Absolute % Cover

Dominant Species?

Sampling Point: Indicator Status **Definitions of Vegetation Strata:**

5		True Menderalente 2 in (7 Com) or many in diameter
6		Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
7.		
8.		Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height.
9		
10		Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size.
11.		Herbaceous viries, regardless of size.
12		Woody Vine – All woody vines, regardless of height.
	=Total Cover	, , , ,
Sapling/Shrub Stratum		
6.		
7		
8.		
9		
10.		
11		
12.		
13.		
	=Total Cover	
Herb Stratum		
9		
10.		
11.		
12.		
13.		
14.		
15.		
16.		
17.		
18.		
20		
20.	=Total Cover	
Woody Vine Stratum		
3.		
4.		
5.		
6.	<u> </u>	
	<u> </u>	
7	-Total Cavar	
	=Total Cover	
Remarks:		

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AGENCY DISCLOSURE NOTIFICATION

The public reporting burden for this collection of information, OMB Control Number 0710-0024, is estimated to average 30 minutes per response, including the timefor reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR REQUEST TO THE ABOVE EMAIL.

PRIVACY ACT STATEMENT

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice as required by Federal law. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued. One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned. System of Record Notice (SORN). The information received is entered into our permit tracking database and a SORN has been completed (SORN #A1145b) and may be accessed at the following website: http://dpcld.defense.gov/Privacy/SORNsIndex/DOD-wide-SORN-Article-View/Article/570115/a1145b-ce.aspx